



draft

Maricopa County Environmental Services
Air Quality Division
1001 North Central Avenue
Phoenix, AZ 85004
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www.maricopa.gov/envsvc/

Application For Dust Control/Demolition Permit

In order for Maricopa County to process an application for a Dust Control/Demolition Permit, all questions must be answered and the appropriate fee must be submitted. Processing and approval may take up to 14 days. Applicant must have overall authority for all work accomplished on-site from initial ground breaking to final stabilization. Applicant must have authority and control over all aspects of the site during the entire project lifetime.

FOR OFFICE USE ONLY
Dist # _____ Insp _____
NOV # _____
Permit # _____
Fee Paid _____
Date Issued _____
Approved by _____
NESHAP _____

Section 1 – Applicant Information

1. Applicant: Check all that apply:

- Property Owner, General/Prime Contractor, Developer, Lessee

Name:
Applicant Address:
City/State/Zip:
Phone: Fax #:
E-Mail Address:
Local Mailing Address (if not the same as above):
Contractor License Number:

Is applicant a wholly owned subsidiary of another company? Yes No

If applicant is a subsidiary please provide the following information:

1a. Parent company name:
Address:
City/State/Zip:
Phone: Fax:
State of Incorporation:

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2. Property Owner/Developer, If Not Applicant: _____

Address: _____

City/State/Zip: _____

Phone: _____ Fax: _____

Contact Person: _____

3. Primary Project Contact: _____

Title: _____ Company Name: _____

On-site phone: _____ Mobile: _____ Fax: _____

4. Signature Of A Responsible Official Of The Applicant:

I hereby certify that, based on information and belief formed after reasonable inquiry, the statements and information in the Application For Dust Control/Demolition Permit, including Section 1-Applicant Information, Section 2-Project Information-Drawing, and Section 3-Dust Control Plan, are true, accurate, and complete.

A Responsible Official Of The Applicant is the person who will be contacted or named in any enforcement action initiated by the Maricopa County Environmental Services Department or the Office of the Maricopa County Attorney.

Signature: _____

Printed Name: _____ Title: _____

5. Application Completed By, If Not Signatory:

Printed Name: _____ Title: _____



Section 2- Project Information

6. Address of Project Location (if no address available include block #, assessor’s parcel #, GPS coordinates, etc.):

Address: _____

City/Zip: _____

Major cross street 1: _____

Major cross street 2: _____

Assessor’s parcel number(s) (if no address available): _____

GPS coordinates (if no address available): _____

Legal Description (From Phoenix Metropolitan Map Book or Assesor’s description):

Township: _____ Range: _____ Section: _____

7. Name of Project: _____

8. Description of Project: _____

9. Size of Project or Physical Area that will be disturbed during the duration of this permit, including staging and stockpile areas (acres): _____

10. Project Start Date: _____

Estimated duration of project: _____

11. Attach Project Site Drawing (A Dust Control/Demolition Permit will not be issued, unless a drawing is submitted.)

Attach a separate page (**8 1/2" x 11"**) with a drawing showing all of the following elements):

- Entire project site boundaries (including staging areas, stockpiles, and storage)
- Acres to be disturbed with linear dimensions
- Nearest public cross roads
- North arrow
- Planned exit locations onto paved public roadways

12. Indicate soil designations from Appendix F or attach a copy of the site geotechnical report

Designate, in the table below, which soil texture is naturally present on the work site and which soil texture will be imported onto the work site (if applicable). Also, designate, in the table below, the shrink/swell potential of the soil that is naturally present at the work site and the shrink/swell potential of the soil that will be imported onto the work site (if applicable). If the soil on the work site has been tested, then you should rely on the test results to complete the table and you should attach a copy of the site soil report to the Dust Control/Demolition Permit application. If the soil on the work site has not been tested, then you should use Appendix F of the Maricopa County Air Pollution Control Rules & Regulations to complete the table below.

Soil Naturally Present On Work Site		Soil To Be Imported Onto Worksite	
Soil Texture	Shrink/Swell Potential	Soil Texture	Shrink/Swell Potential

13. **Is this a renewal?** Yes Previous Permit # _____ No

A permit is valid for 1 year after date of issuance/approval. **The permit must be renewed within 14 days of expiration.**

14. Asbestos NESHAP Notification Requirements.

All facilities scheduled for demolition or renovation (see definitions below) must be inspected by a currently certified Asbestos HAZARD Emergency Response Act (AHERA) Asbestos Building Inspector. There is no waiver of this requirement based on the age of the facility. The inspection must be performed within 12 months of commencement of demolition or renovation activity.

Demolition: The wrecking or taking out of any load-supporting structural member of a facility together with any related handling operations or the intentional burning of a facility.

Renovation: Altering a facility or one or more facility components in any way, including the stripping or removal of RACM from a facility component.

Does the project include demolition or renovation? Yes No

Description of demolition activities: _____

Date of asbestos inspection: _____

10-day NESHAP notification submittal date (please attach a copy): _____

Questions concerning the Asbestos NESHAP regulation should be referred to Maricopa County's Asbestos NESHAP Coordinator at 602-506-6708.

Section 3 – Dust Control Plan

You must to circle a Primary, 'P', control measure (e.g. plan A) and contingency, 'C', control measure (e.g. plan B) for each section of the dust control plan. These are the measures you will implement to control dust. Sections C1, C3, C5, D1, E1, F, and G have primary control measures required by Rule 310. You will need to choose a contingency for these sections. This dust control plan and permit must be posted on-site.

IF A SECTION DOES NOT APPLY TO YOUR JOB EXPLAIN WHY NO DUST CONTROL WOULD BE REQUIRED

A. VEHICLES/MOTORIZED EQUIPMENT

1. Use In Open Areas

(How do you intend to keep vehicles out of open areas?)

- P C** Restrict trespass by installing signs
- P C** Install physical barriers such as curbs, fences, gates, posts, signs, shrubs or trees to prevent access (circle selected measures)

P C Other: _____
Explain why this control measure is not required _____

2. Unpaved Parking Lots

(Will vehicles be parking on unpaved areas at any time? Where do you plan to have vehicles parking?)

- P C** Apply water at a frequency and intensity to comply with Rule 310, Section 302.1 (**fill out Section I**)
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 302.1 (**fill out Section J**)
- P C** Apply and maintain gravel, recycled asphalt, or other suitable material in compliance with Rule 310, Section 302.1
- P C** Pave (choose one of the following): Beginning of project During project End of project
- P C** Apply and maintain dust suppressant(s) other than water (**fill out Section J**)
- P C** Limit vehicle speeds to 15 m.p.h. on the site
- P C** Cease operations
- P C** Other: _____

Explain why this control measure is not required _____

3. Unpaved Haul Roads/Access Areas

(Will you be operating, hauling, or delivering equipment or materials using unpaved areas?)

- P C** Limit vehicle speed to 15 m.p.h. or less and limit number of vehicle trips to less than 20 per day
- P C** Apply water at a frequency and intensity to comply with Rule 310, Section 302.2 (**fill out Section I**)
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 302.2 (**fill out Section J**)
- P C** Pave (choose one of the following): Beginning of project During project End of project
- P C** Apply and maintain surface gravel, recycled asphalt, or other suitable material in compliance with Rule 310, Section 302.
- P C** Apply and maintain dust suppressant(s) other than water (**fill out Section J**)
- P C** Cease operations
- P C** Other: _____

Explain why this control measure is not required _____

4. Open Areas and Vacant Lots

- P C** Apply and maintain gravel, recycled asphalt, or other suitable material in compliance with Rule 310, Section 302.3
- P C** Establish a vegetative ground cover (landscaping) in sufficient quantity in accordance with Rule 310, Section 302.3
- P C** Restore area such that the vegetative ground cover and soil characteristics are similar to adjacent or nearby undisturbed native conditions (desert xeriscaping).

P C Apply water in sufficient quantity to establish and maintain a visible crust (**fill out Section I**)

P C Pave (choose one of the following): Beginning of project During project End of project

P C Other: _____

Explain why this control measure is not required _____

B. DISTURBED SURFACE AREAS

1. Before Dust Generating Operations Occur

(What steps do you intend to take, before starting, that will minimize dust generation?)

P C Pre-water site to the depth of cuts (**fill out Section I**)

P C Phase work to reduce the amount of disturbed surface area at any one time

P C Other: _____

Explain why this control measure is not required _____

2. During Dust Generating Operations

(How do you intend to control dust while working?)

P C Apply water (**fill out Section I**)

P C Apply and maintain dust suppressant(s) other than water (**fill out Section J**)

P C Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 301 (**fill out Section J**)

P C Construct wind barrier fences (in conjunction with one of the above listed measures)

P C Cease operations

P C Other: _____

Explain why this control measure is not required _____

3. Temporary Stabilization

Including Weekends, After Work Hours, Holidays, And Periods Up-To 8 Months

(How are you going to stabilize your site during non-work hours?)

P C Apply water or other dust suppressant to establish and maintain a visible crust (**fill out Section I or J**)

P C Establish vegetative ground cover (landscaping) that complies with Rule 310, Section 302.3

P C Restrict vehicular access to area in addition to either two controls listed above

P C Pave or apply and maintain gravel

P C Cease operations

P C Other: _____

Explain why this control measure is not required _____

4. Permanent Stabilization

Required Within 8 Months Of Ceasing Dust Generating Operations

(How will the site be permanently stabilized after project is complete?)

P C Restore area such that the vegetative ground cover and soil characteristics are similar to native conditions (desert xeriscaping)

P C Establish vegetative ground cover (landscaping) that complies with Rule 310, Section 302.3

P C Pave or apply gravel

P C Building/House/Structure/Floor

P C Apply and maintain dust suppressant(s) other than water (**fill out Section J**)

P C Other: _____

Explain why this control measure is not required _____

C. BULK MATERIAL HANDLING

1. During Stacking, Loading, And Unloading Operations

(Will you be trenching, back filling, inport/export, etc.?)

- P X** Apply water or dust suppressant(s) other than water at a frequency and intensity so visible emissions do not exceed 20% opacity **(fill out Section I)**
- P C** Apply water in combination with dust suppressant(s) so visible emissions do not exceed 20% opacity **(fill out Section J)**
- X C** Cease operations
- X C** Other (describe in detail): _____

Please explain why this control measure is not required _____

2. Open Storage Piles

(Will you have spoils piles, stock piles for any length of time?)

- P C** Apply water as needed to establish and maintain a visible crust **(fill out Section I)**
- P C** Apply water in combination with dust suppressant(s) so visible emissions do not exceed 20% opacity **(fill out Section J)**
- P C** Cover open storage piles with tarps, plastic, or other material
- P C** Apply water to maintain a soil moisture content at a minimum of 12% **(fill out Section I)**
- P C** Maintain vegetative cover
- P C** Construct wind barriers (in conjunction with one of the above listed measures)
- P C** Other: _____

Please explain why this control measure is not required _____

3. On-Site Hauling Within The Boundaries Of The Work Site And Crossing A Paved Area Accessible To The Public

(Does your job encompass a paved Areas Accessible to the Public that you will be hauling across (perpendicular)?)

- P X** Load all haul trucks such that the freeboard is not less than 3 inches;
and Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment;
and Install suitable trackout control device
- X C** Cease operations
- X C** Other: _____

Please explain why this control measure is not required _____

4. On-Site Hauling Within The Boundaries Of The Work Site

(Will you be moving dirt or rock from one area to another area on your site?)

- P C** Limit vehicle speeds to 15 m.p.h. or less while traveling on the work site
- P C** Apply water to the top of the load such that the 20% opacity standard is not exceeded **(fill out Section I)**
- P C** Cover haul trucks with a tarp or other suitable closure
- P C** Cease operations
- P C** Other: _____

Please explain why this control measure is not required _____

5. Off-Site Hauling Onto Paved Areas Accessible To The Public

(Will you be conducting debris or lot cleanup? Will you be exporting material?)

- P X** Cover haul trucks with a tarp or other suitable closure;
and Load all haul trucks such that the freeboard is not less than 3 inches;
and Prevent spillage or loss of bulk material from holes or other openings in the cargo compartment;
and Clean the interior of the cargo compartment of empty haul trucks before leaving the site
- X C** Apply water to the top of the load **(fill out section I)**
- X C** Cease operations

X C Other: _____

Please explain why this control measure is not required _____

D. TRACKOUT, CARRYOUT, SPILLAGE, AND EROSION

1. Trackout Control Device

**Work sites with 100 cubic yards or more of bulk material hauled on or off site per day
OR**

1 acre or more of disturbed surface area

(Will 8-10 haul trucks be coming on or off site? Will trucks be hauling on or offsite?)

P X Install at all exits to a paved public roadway at least one of the following (circle all that apply)
gravel pad grizzly wheel wash system paved area

P C Cease operations

P C Other: _____

Explain why this control measure is not required _____

2. Cleaning

**I will CLEAN IMMEDIATELY if extending more than 50 feet along a paved area accessible to the public
AND**

I will CLEAN NO LATER THAN the end of the work day if less than 50 feet

P C Operate a street sweeper or wet broom with sufficient water (e.g. kick broom, steel bristle broom, teflon broom, vacuum)

P C Manually sweep-up deposits

P C Other (describe in detail): _____

Explain why this control measure is not required _____

E. WEED ABATEMENT BY DISCING OR BLADING

(Will you be grubbing? Will you be removing weeds or vegetation prior to grading?)

1. Disturbance Operations

P X Pre-water site and apply water while weed abatement by discing or blading is occurring (**fill out Section I**)

P C Apply water in combination with dust suppressant(s) while weed abatement by discing or blading is occurring (**fill out Section J**)

X C Cease operations

X C Other: _____

Please explain why this control measure is not required _____

2. Stabilization

P C Pave (choose one of the following): Beginning of project During project End of project

P C Apply gravel to establish and maintain either a threshold friction velocity of at least 100 cm/sec or a cover of at least 10% non-erodible elements.

P C Apply water or other dust suppressant(s) to establish and maintain a visible crust (**fill out Section I or J**)

P C Apply water in combination with dust suppressant(s) to establish and maintain a visible crust (**fill out Section J**)

P C Establish vegetative ground cover (landscaping) meeting one of the requirements of Rule 310, Section 302.3

P C Other: _____

Please explain why this control measure is not required _____

F. BLASTING OPERATIONS

- P X** Discontinue blasting, if wind gusts above 25 m.p.h.
- P X** Pre-water and maintain surface soils in a stabilized condition in compliance with Rule 310, Section 301 where support equipment and vehicles will operate
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 301 **(fill out Section J)**
- X C** Other: _____

Explain why this control measure is not required _____

G. DEMOLITION ACTIVITIES

- P X** Stabilized demolition debris
- P X** Apply water to debris immediately following demolition activity
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 302.1 **(fill out Section J)**
- P X** Stabilize surrounding area immediately following demolition activity
- P X** Apply water at a frequency and intensity to comply with Rule 310, Section 302.1 and to prevent wind erosion of soil
- P C** Thoroughly clean blast debris from paved and other surfaces following demolition activity
- X C** Other: _____

Explain why this control measure is not required _____

H. WIND EVENT

1. When Dust Generating Operation Is Occurring

- P C** Cease dust generating operation for the duration of the wind event when the 60-minute average wind speed is greater than 25 m.p.h.
- P C** Stabilize work area, if dust generating operation is ceased for the remainder of the work day
- P C** Apply water or other suitable dust suppressant at least twice [once] per hour in compliance with Rule 310, Section 301 **(fill out Section I)**
- P C** Apply water to maintain soil moisture content at a minimum of 12% **(fill out Section I)**
- P C** Apply water or other suitable dust suppressant(s) at least twice [once] per hour in compliance with Rule 310, Section 301 and construct fences or three-foot to five-foot high wind barriers with 50% or less porosity adjacent to roadways or urban areas to reduce the amount of windblown material leaving the site **(fill out Section I or J)**
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 301 **(fill out Section J)**
- P C** Other: _____

Explain why this control measure is not required _____

2. Temporary Disturbed Surface Areas After Work Hours, Weekends, Holidays

- P C** Uniformly apply and maintain surface gravel or dust suppressants in compliance with Rule 310, Section 302.3 **(fill out Section J)**
- P C** Apply water to all disturbed surface areas 3 times per day. If there is evidence of windblown dust, increase watering frequency to a minimum of 4 times per day **(fill out Section I)**
- P C** Apply water on open storage piles at least twice [once] per hour in compliance with Rule 310, Section 302.3 **(fill out Section I)**
- P C** Apply water in combination with dust suppressant(s) to comply with Rule 310, Section 301 **(fill out Section J)**
- P C** Cover open storage piles with tarps, plastic, or other material such that wind will not remove the coverings
- P C** Other: _____

Explain why this control measure is not required _____



I. WATER: Fill out those areas applicable to your site.

ACTIVITY/PHASE

Availability:	Massgrade		Offsites/Utilities		Vertical/Prepave		Vertical/ Paved		Staging/ Parking Areas	
	Size	Number	Size	Number	Size	Number	Size	Number	Size	Number
Metered Hydrant										
Water Tower										
Water Pond										
Other										
Application:										
Hose										
Water Truck										
Water Pull										
Water Buffalo										
Other										

J. DUST SUPPRESSANTS: Attach product specification and application sheet or label instructions. Attach information on environmental impacts and approval or certifications related to appropriate and safe use for ground application. Fill out applicable areas below.

Application Section	Manufacturer Name	Product	Application Frequency *	Intensity**
A				
B				
C				
D				
E				
F				
G				
H				

* How often the surface will receive a complete application of dust suppressant (e.g. 3 times a day)

** The amount used over a period of time (e.g. gallons/minute)